AEE(A)/SBR/89/16-17 dt 31/1/17

375/31-1-17

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE

No. *Second & Final Bill* (For Other Works) Date.....2016

Division: Sub-Division:

Bill Received No. 375/31-1-17 Dated Divisional Cash Book Voucher No..... Dated.....

Job Code No: 018-11-000154 Sub-Division Estimate Cost: **Rs. 9.00 Lakhs** D.R. No. :

Schedule Docket No. Head of Account:

Name of Work (as per sanctioned estimate): **Construction of Individual houses to SC / ST beneficiaries at Geddala Halli Block -2 in Ward No.18.**

Name of Contractor and Full Address: **Sri.Balaji Enterprises, Pro.K.Chandrasheakr, No.4157/G, 10th Cross, B-Block, Subramanya Nagar, Bangalore -21.**

Reference to Agreement: EE/H/AE/ W.O/ 407 /2011-12 Date: 08-12-2011

Certified that the measurements were taken by me on 30/12/12 and recorded of Pages 5455 to 5469 of measurement Book No 55/11/12 and that the work is satisfactorily executed.

Contractor **Officer-in-charge of work**

Certified that the measurement were taken by me on 30/12/12 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

Asst. Executive Engineer
BBMP Hebbal Sub-Division
J.C. Nagar Main Road,
BANGALORE - 560 006.

II Memorandum of Payment

1) Total value of work done or supplies made as per account within
2) Deduct amount to be held in reserve being .....percent Rs.....
3) " Balance
4) Deduct Payment: 1st and part BR 1007/29-2-12
   a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....MB 7,39,588=00 S.D. No..... Amount adjusted towards cash advance recovery of
   b) Payments Now made } cost store or other material supplied. MB: 77/15-6-12
      recovery of amount creditable to this/other work
      Amount paid on this bill Cheque / Cash.
5) Balance being unpaid value of work done held in reserve.
6) Deduct cash advance made on the Office cash Book Voucher No..... dated.....less adjustments.
7) Net amount due to or from Contractor unadjustments items.
8) Advance to Contractor for materials brought to site (as detailed) within
9) Value of Government materials supplied.

BA-	1,87,973=00
IT-	3760 =00
VAT-	7520 =00
CBT	190 =00
LWF-	1880 =00
Royalty -	2820 =00
Fine-	7800 =00
Refunded -	23970 =00
Total amount adjusted -	164003 =00

K. Chandrashekar
Contractor's Signature

P-1848

Received Rs..... (in words).....
.....
by cash and by adjustment of Payment as per memorandum
(in final settlement of all demands) 187973 (For use in the Office)

Head of Account
Amount for Rs. 187973=20

Witness
1.
2. K. Chandrashekar
Dated Signature of Contractor

Stamp

1,64,003=00
23,970=00

Paid by me by Cheque No.....Dated.....
Cash Rs.....
Dated.....

Initials of Officer making payment

Accounts Section

Executive Engineer

Sl. No.	Item grouped under sub-Heads and Sub-Works of the Estimate
54	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter bo 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit..... The pit should be filled with equal proportion of salt an 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established wire of size as per ISI specification 7.3.3 of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe 16 through holes of 122mm dia etc., complete as per specifications and direction of the Engineer-in-Charge.
55	Supplying of LT UG cable having aluminum conductor PVC insulated,sheathed, galvanized, steel wire/steel tap armo with PVC outer sheathed 1.1 KV class f) 3.5 core 35 Sqmm etc., complete as per specifications and direction of the E Charge.
56	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as re 25 sqmm to 75 sqmm etc., complete as per specifications and direction of the Engineer-in-Charge.
57	Digging to **trench** of 0.6m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc., (As per Civil etc., complete as per specifications and direction of the Engineer-in-Charge.
	b) In soil (hard)
	e) Asphalt cutting
58	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/ wall / drain cro necessary clamping arrangements for UG cable of 1.1KV.b) 50mm etc., complete as per specifications and direct Engineer-in-Charge.
59	Supplying and fixing L.T. cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen / compound complete with terminals, clamps, bolts, nuts and washers etc., d) 35 Sqmm etc., complete as per specifica direction of the Engineer-in-Charge.

Certificate

1 Certified that the contractor has done the work Satisfactory and found Correct
2 Certified that the Contractor has removed all the debris from site.
3 Certified that there is no due from the contractor.
4 Certified that the contractor making own arrengments for men and materials

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Amount	Qty	Cost	
ard using d charcoal rough GI shall have	Nos	—	—	3.00	2062.13	6186.39	3.00	6186.39	
red cable gineer-in-	M	—	—	30.00	262.00	7860.00	30.00	7860.00	
quired. B)	M	—	—	3.00	11.00	33.00	3.00	33.00	
complete.		—	—						
	M	—	—	3.00	52.00	156.00	3.00	156.00	
	M	—	—	3.00	83.00	249.00	3.00	249.00	
ssing with on of the	M	—	—	9.00	270.00	2430.00	9.00	2430.00	
insulating tions and	Each	—	—	3.00	320.00	960.00	3.00	960.00	
Total			**739588.00**			**187973.32**		**927561.32**	

Asst. Executive Engineer
BBMP Hebbal Sub-Division
J.C. Nagar Main Road,
BANGALORE - 560 006.

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Amount	Qty	Cost	
g capping e fixed on /ood/PVC									
on of the	Each	—	—	6.00	183.00	1098.00	6.00	1098.00	
tions and	Each	—	—	6.00	272.00	1632.00	6.00	1632.00	
direction	Each	—	—	6.00	380.00	2280.00	6.00	2280.00	
a existing city wires	Mtr	—	—	6.00	95.00	570.00	6.00	570.00	
in plastic									
	Each	—	—	6.00	150.00	900.00	6.00	900.00	
	Each	—	—	3.00	89.00	267.00	3.00	267.00	
e in open									
	Mtr.	—	—	150.00	15.00	2250.00	150.00	2250.00	
	Mtr.	—	—	150.00	26.00	3900.00	150.00	3900.00	
	Mtr.	—	—	150.00	33.00	4950.00	150.00	4950.00	
ooden or	Sq. Cm	—	—	498.00	0.23	114.54	498.00	114.54	
duit using									
	Nos	—	—	9.00	7.60	68.40	9.00	68.40	
	Nos	—	—	9.00	9.00	81.00	9.00	81.00	
te as per	Each	—	—	18.00	62.00	1116.00	18.00	1116.00	
n or rawl	Each	—	—	3.00	146.00	438.00	3.00	438.00	
30v CFL	Each	—	—	3.00	1151.00	3453.00	3.00	3453.00	
s 1) 1x4'-	Each	—	—	3.00	708.00	2124.00	3.00	2124.00	
0 cycles. roved. 1)	Each	—	—	3.00	1888.00	5664.00	3.00	5664.00	
/ girders ll ceilingl	Each	—	—	12.00	110.00	1320.00	12.00	1320.00	
ng board n twisted	Each	—	—	3.00	110.00	330.00	3.00	330.00	
ers etc.,	Each	—	—	3.00	907.00	2721.00	3.00	2721.00	
n of the	Each	—	—	3.00	1510.00	4530.00	3.00	4530.00	

Sl. No.	Item grouped under sub-Heads and Sub-Works of the Estimate
39	Point wiring using Copper wire with switch: Supplying and wiring adopting loop system in existing PVC Conduit/casin using copper PVC insulated multi strand 2x1.5 Sq mm copper wire with a 6 Amps flush type SP control switch shall b the existing plastic sheet gang box, the other end of the wires shall be terminated with sufficient loose length in a round block complete for each outlet etc., complete as per specifications and direction of the Engineer-in-Charge.
	a) Short point-up to 3 Mtrs from tapping point to out let via switch etc., complete as per specifications and directi Engineer-in-Charge.
	b) Medium point above 3 Mtrs up to 6 Mtrs from tapping point to out let via switch etc., complete as per specifica direction of the Engineer-in-Charge.
	c) Long point above 6 Mtrs up to 10 Mtrs from tapping point to out let via switch etc., complete as per specifications an of the Engineer-in-Charge.
40	Supplying 6A flush/projected type socket and 6 amps flush/projected type SP switch either surface/flush mounting in gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capa as required.b) 6 Amps 3/5 Way etc., complete as per specifications and direction of the Engineer-in-Charge.
41	Supply and fixing of bakelite D.P/Socket/switch with/without neon indicator over existing wood board or flush mounting plates/nitches etc., complete as per specifications and direction of the Engineer-in-Charge.
	a) 32 Amps Flush/projected type DP switch etc., complete as per specifications and direction of the Engineer-in-Charge.
	c) 16 Amps Flush type Universal socket etc., complete as per specifications and direction of the Engineer-in-Charge.
42	Wiring for lighting/power circuit using one of PVC insulated 1100v grade, multistrand Copper conductor single core cabl or concealed system of wiring etc., complete as per specifications and direction of the Engineer-in-Charge.
	b) 1.5 sqmm
	c) 2.5 sqmm
	d) 4 sqmm
43	Supplying 4mm thick plastic sheet with necessary nitches for fixing switches regulators etc., and fixing on existing w metal box using N.F. screws etc., complete as per specifications and direction of the Engineer-in-Charge.
44	Extra for supplying and fixing 4 mm thick white plastic plate and covering for junction boxes of size .....mm dia con necessary machine screws etc., complete as per specifications and direction of the Engineer-in-Charge.
	a) 80 mm dia
	b) 110mm dia
45	Supplying and fixing PBBC bakelite straight or slant batten holder and wiring, with 60 w/230 Volts lamps etc., comple specifications and direction of the Engineer-in-Charge.
46	Supplying and fixing one of 230 volts Ding-dong bell and a flush type bell push with gang box fixed on necessary wood plugs using NF screws etc., complete as per specifications and direction of the Engineer-in-Charge.
47	Supplying and fixing cast Aluminium round or oblong type bulk headfitting with Glwire guard,glass coverwith 15Watts lamp as required etc., complete as per specifications and direction of the Engineer-in-Charge.
48	Supplying box type fluorescent tube light fitting of 4'- 36/40 wattsfluorescenttube fittingmadeout of M.S sheetand '. stove enamelled with low loss open construction copper wound ferromagnetic ballast, starter, locking type brass contact holde mounted on double fold type sheet base - fully wired for use on 230 Volts A C Supply including fluorescent tube. 36/40 Watts etc., complete as per specifications and direction of the Engineer-in-Charge.
49	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, Single phase ACsupply conformingto ISS-374-1979 and with double ball bearing system and as per technical data app 48" Sweep (1200mm) etc., complete as per specifications and direction of the Engineer-in-Charge.
50	Fixing all types and all capacities of fluoresceny false ceiling/ spot light/ CFL fittings indoor on the wall / ceiling/ rafters using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps (if required) a) On wa Rafterl Girders etc., complete as per specifications and direction of the Engineer-in-Charge.
51	Fixing a ceiling / Wall mounting fan of all capacities and all types to the existing S hook with fan regulator to the exist together with supplying and fixing a 5 amperes ceiling rose, necessary length of 23 / 0.0076 inch PVC insulated tw copper wire and wiring completely etc., complete as per specifications and direction of the Engineer-in-Charge.
52	Supplying & fixing of Porcelain fuse channel with cut out on existing wooden/panel using necessary nuts, bolts and was complete..e) 200Amps etc., complete as per specifications and direction of the Engineer-in-Charge.
53	Supplying, fixing and wiring 3 Phase Digital Ammeter / Voltmeter etc., complete as per specifications and directi Engineer-in-Charge.

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Amount	Qty	Cost	
footrests, materials,	Pan	—	—	3.00	1600.00	4800.00	3.00	4800.00	
ne, using x450mm ne 15 kg) 0mm and on walls e as per	Nos	—	—	3.00	3882.00	11646.00	3.00	11646.00	
m grade e as per	Rmt	—	—	39.00	171.00	6669.00	39.00	6669.00	
bour and n of the	Each	—	—	6.00	140.00	840.00	6.00	840.00	
nd brand naterials,	Rmt	—	—	15.00	470.00	7050.00	15.00	7050.00	
adhesive case of ews etc.,									
	Mtr	—	—	9.90	38.00	376.20	9.90	376.20	
	Mtr	—	—	9.60	47.00	451.20	9.60	451.20	
	Mtr	—	—	9.30	65.00	604.50	9.30	604.50	
on boxes SWG GI e.									
	Mtr	—	—	9.00	45.00	405.00	9.00	405.00	
	Mtr	—	—	9.00	55.00	495.00	9.00	495.00	
	Mtr	—	—	9.00	7.44	66.96	9.00	66.96	
Charge.									
	Each	—	—	12.00	18.00	216.00	12.00	216.00	
	Each	—	—	12.00	22.00	264.00	12.00	264.00	
groove									
	Each	—	—	6.00	83.00	498.00	6.00	498.00	
	Each	—	—	6.00	71.00	426.00	6.00	426.00	
	Each	—	—	6.00	54.00	324.00	6.00	324.00	

Sl. No.	Item grouped under sub-Heads and Sub-Works of the Estimate
	Electrical, Water Supply and Sanitary Items
30	Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type 100mm S or P trap, (approved make) cutting and making good the wall and floor wherever required, including cost of labour complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
31	Constructing brick masonry inspection chamber 450x450mm and 450mm depth (clear inside dimension) for single pipeli table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 45(internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of fran R.C.C. top slab with cement concrete 1:2:4 mix 20mm and downsize granite metal, foundation concrete 1:5:10 with 4 downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cemen and bed concrete complete as per standard design including cost of materials, labour charges, curing complet specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
32	Providing and fixing to wall, ceiling and floor galvanised / mild steel tube 20mm dia nominal bore with fittings (mediu weight 1.65 kg/mtr) B class including cost of all materials, labour charges, HOM of equipments and testing comple specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
33	Providing and fixing in position brass stop cock of approved quality 15mm nominal bore including cost of all materials, la HOM of equipments with all leads complete as per specifications etc., complete as per specifications and directi Engineer-in-Charge.
34	Providing and fixing on wall surface 4.0 kg / sq.cm H.D.P.E. rain down water pipes 110mm outer disapproved make a with necessary specials like shoes, bends and offsets fixed with iron clamps, wall plugs, screws, including cost of labour, complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
35	Supplying heavy gauge PVC conduit pipe .....dia confirming to IS 2509 with suitable size bends, junction boxes, paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs i brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF scr complete as per specifications and direction of the Engineer-in-Charge.
	a) 19/20mm dia 2mm thick
	b) 25mm dia 2mm thick
	c) 32mm dia 2.5mm thick
36	Groove cutting in the wall supplying .....dia 2mm/2.5mm thick heavy gauge PVC Conduit Pipe with bends, metal juncti adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 fish wire run through out the conduit wherever etc., complete as per specifications and direction of the Engineer-in-Charg
	a) 19/20mm dia 2mm thick
	b) 25mm dia 2mm thick
	c) 32mm dia 2.5mm thick
37	Supplying and fixing PVC/metal conduit accessories etc., complete as per specifications and direction of the Engineer-in
	Special type junction box
	a) 19/20mmjunction box
	b) 25mmjunction box
38	Supplying and flush mounting teak wooden box without front plank, made of not less than 12mm thick wood, after du cutting, necessary masonry patch work etc., complete as per specifications and direction of the Engineer-in-Charge.
	b) 12"x9"x3" (300x228x76)
	c) 10"x7"x3" (254x178x76mm)
	d) 8"x6"x3" (203x152x76mm)

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Amount	Qty	Cost	
nish with hick with e, black, ed 3:1 (3 e) curing te as per	Sqm	—	—	65.70	520.00	34164.00	65.70	34164.00	
, cement , curing,	Sqm	—	—	10.38	795.00	8252.10	10.38	8252.10	
aster 1:3 hould be te as per	Sqm	—	—	13.50	789.00	10651.50	13.50	10651.50	
including including nplete as	Sqm	—	—	314.28	54.00	16971.12	314.28	16971.12	
an even nd other on of the	Sqm	—	—	180.60	66.00	11919.60	180.60	11919.60	
, lapping ecessary achinery	q	23.11	138660.00	—	—	—	23.11	138660.00	
sembled , labour, Charge.	Cum	0.54	23689.00	—	—	—	0.54	23689.00	
and lock , labour, direction	Sqm	5.23	16558.00	—	—	—	5.23	16558.00	
nick with ick plain HOM of on of the	Sqm	6.32	14757.00	—	—	—	6.32	14757.00	
pproved	Kgs	60.48	2298.00	—	—	—	60.48	2298.00	
aning oil, , labour,	Sqm	—	—	31.39	27.00	847.53	31.39	847.53	
ishing to e as per	Sqm	—	—	31.39	76.00	2385.64	31.39	2385.64	
pe of 19 m styles ed to the material .	Sqm	—	—	4.72	2112.00	9968.64	4.72	9968.64	
n 25mm d Belgiri ons and	Sqm	54.00	15876.00	—	—	—	54.00	15876.00	

Sl. No.	Item grouped under sub-Heads and Sub-Works of the Estimate
16	Providing mosaic flooring with cast-in-situ 40mm thick using marble chips flooring rubbed and polished to granolithic fi under layer of 28mm thick cement cocrete 1:2:4 with stone aggregate 12mm and down size, and top layer 12mm t medium shade pigment with approximately 50% white cement and 50% ordinary cement in top layer only using whi chacolate, yellow or baroda green marble chips of size from 7 to 10 nominal size laid in cement marble stone mixe cement: 1 marble powder by weight) in proportion of 4:7 (4 cement marble powder mix : 7 marble chips by volum polishing oxalic acid wash, wax polishing, including cost of materials, labour, complete as per specifications etc., comple specifications and direction of the Engineer-in-Charge.
17	Providing colour glazed tiles all sizes 10mm thick for flooring, treads of steps and landings laid on a bed of 12mm thick mortar 1:3 mix, flush pointing using white cement with matching colour pigment, including cost of materials, labou complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
18	Providing skirting, dado, rises of steps with colour glazed tiles of size 20 x 20 cms 6mm thick on 10mm thick cement pl and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which s measured and paid separately using glazed tiles of approved make and size including cost of materials, labour, comple specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
19	Providing and applying two coats with oil bound washable distemper of approved brand and shade on wall surface priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications etc., con per specifications and direction of the Engineer-in-Charge.
20	Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops a foreign matter cost of materials, labour, complete as per specifications etc., complete as per specifications and directi Engineer-in-Charge.
21	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever n complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of m complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
22	Providing Sal wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or as including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of material HOM of machineries complete as per specifications etc., complete as per specifications and direction of the Engineer-in-
23	Providing and fixing in position fully paneled Honne wood shutters for doors, styles and rails of 40mm. thick with bottom rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick including cost of material HOM of machineries complete as per specifications. (excluding cost of fixtures) etc., complete as per specifications and of the Engineer-in-Charge.
24	Providing and fixing in position Honne wood half paneled and half glazed shutters for doors, styles and rails of 35mm. bottom and lock rails 180mm wide top rail and styles 100mm wide as per drawing and panels of 25mm thick, 4mm th glass, fixed with beading 15mm wide and thickness to finish with the shutters surface including cost of materials, labour machineries complete as per specifications. (excluding cost of fixtures) etc., complete as per specifications and directi Engineer-in-Charge.
25	Providing and fixing M.S bars to windows and ventilators including cutting making holes in frame work with two coats of paint etc., complete as per specifications and direction of the Engineer-in-Charge.
26	Applying priming coat over new wood surface and / or wood based surface after preparing the surface afterthroughly cle grease, dirt and foreign matter, sand papering and knotting liquid wood filler, for varnish including cost of materials complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
27	Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface br give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, comple specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
28	Providing and fixing of factory made 30mm P.V.C rigid foam (FOREX) PANEL DOORS Rajashree made from MS tu guage, size of 19mm x 19mm and covered with heat moulded PVC C Channel of 5 mm thick and width of 50mm to fo and rails. The inner panel should be inserted in between the frame with 5mm thick PVC rigid foam sheet, welded/seal styles and rails along with 5mm PVC, beading on all and either sides. The vertical tubes may be filled with suitable wood to further enhance the screw holding capacity etc., complete as per specifications and direction of the Engineer-in-Charg
29	Providing lime concrete terracing on roofing for weather proof course, average thickness 100mm, laid to slope wit nominal size brick jelly and 50% lime surkhi mortar 1:2 (One lime putty two surkhi) rammed and finished with gur ar treatment rounding off junctions with parapets including cost of materials, labour etc., complete as per specificati direction of the Engineer-in-charge

	Unit	Previous Measurement		Present Measurement			Total Upto Date		Remarks
		Qty	Cost	Qty	Rate Rs. Ps.	Amount	Qty	Cost	
50m and .	Cum	31.05	4316.00	-	—	—	31.05	4316.00	
pits or in es of pits complete	Cum	42.08	5692.00	—	—	—	42.08	5692.00	
ite metal cost of all ection of	Cum	15.03	54093.00	—	—	—	15.03	54093.00	
mmered , labour,	Cum	19.52	52177.00	—	—	—	19.52	52177.00	
es chistle , labour,	Cum	7.86	24885.00	—	—	—	7.86	24885.00	
in depth, all labour	Cum	42.80	3809.00	—	—	—	42.80	3809.00	
d granite d ground columns, ks, plain ons etc.,	Cum	25.68	139871.00	—	—	—	25.68	139871.00	
than 35 / 1965 in plete as	Sqm	177.02	116302.00	—	—	—	177.02	116302.00	
than 35 / 1965 in plete as	Sqm	21.60	10174.00	—	—	—	21.60	10174.00	
such as plete as	Sqm	187.13	44911.00	—	—	—	187.13	44911.00	
size with exposed as per	Sqm	10.80	4320.00	—	—	—	10.80	4320.00	
wherever e as per	Sqm	65.70	8278.00	—	—	—	65.70	8278.00	
corners plete as	Sqm	248.58	28835.00	—	—	—	248.58	28835.00	
as per	Sqm	314.28	5343.00	—	—	—	314.28	5343.00	
corners plete as	Sqm	180.60	24742.00	—	—	—	180.60	24742.00	

Sl. No.	Item grouped under sub-Heads and Sub-Works of the Estimate
1	Dismantling burnt brick masonry in clay mortar/lime mortar/cement mortar and stacking the bricks within a radius of removing the debris to a distance upto 200m etc., complete as per specifications and direction of the Engineer-in-Charg
2	Earthwork excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in trenches1.5m and above in width, in ordinary soil not exceeding 1.5 m. in depth including dressing the bottom and sid and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
3	Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded gra machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including materials, labour, HOM of machinery, curing complete as per specifications etc., complete as per specifications and di the Engineer-in-Charge.
4	Providing and constructing granite / trap / basalt size stone masonry in foundation with cement mortar 1:6, stone h dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materia curing complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
5	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of ston dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materia curing complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
6	Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of complete as per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
7	Providing and laying in position reinforced cement concrete of nominal mix 1:1.5:3 with 20mm and down size grad metal, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation plinth ar floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blo window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specificat complete as per specifications and direction of the Engineer-in-Charge.
8	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not les Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x20x20cms. (lxbxh) conforming to I.S : 2185 superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications etc., cor per specifications and direction of the Engineer-in-Charge.
9	Providing and constructing non-load bearing wall with cement concrete solid blocks with compressive strength not les Kg/sqm with cement mortar 1:4 (Jamb, closer blocks) with blocks of size 40x10x20cms. (lxbxh) conforming to I.S : 2185 superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications etc., cor per specifications and direction of the Engineer-in-Charge.
10	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface suspended floors, roofs, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour cor per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
11	Providing RCC loft (atta) 7.5cms thick with cement concrete 1:1.5:3 using clean granite or trap jelly of 20mm and down necessary reinforcements at 20cms centre to centre as per design including form work, centering, curing, finishing the faces with cement mortar (1:3) etc., complete (exclusive of cost of steel and fabrication charges) etc., complet specifications and direction of the Engineer-in-Charge.
12	Providing 12mm thick cement plaster in single coat with cement mortar 1:4, to ceiling including rounding off corners required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing comple specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
13	Providing 15mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding of wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing cor per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
14	Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete specifications etc., complete as per specifications and direction of the Engineer-in-Charge.
15	Providing 18mm thick cement plastering single coat with cement mortar 1:6, to brick masonry including rounding of wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing cor per specifications etc., complete as per specifications and direction of the Engineer-in-Charge.